

# ABflo® 610 Rabbit anti-Human/Monkey CD14 mAb

Catalog No.: A27967

## Basic Information

### Observed MW

### Calculated MW

40kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC65657

### Conjugate

ABflo® 610. Ex:421nm. Em:612nm.

## Background

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

### Gene ID

929

### Swiss Prot

P08571

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

CD14

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

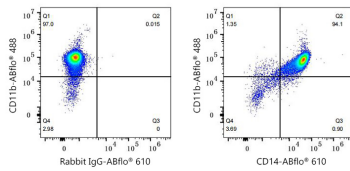
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with ABflo® 488 Mouse anti-Human CD11b mAb (A26894, 5 µl/Test) and ABflo® 610 Rabbit IgG isotype control (A25826, 5 µl/Test, left) or ABflo® 610 Rabbit anti-Human/Monkey CD14 mAb (A27967, 5 µl/Test, right). Cells in the monocyte gate were used for analysis.